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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>516/8</b>
INTERNATIONAL APPLICATION NO. <b>PCT/IB03/04653</b>	INTERNATIONAL FILING DATE <b>22/10/2003</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/7554558</b>
PRIORITY DATE CLAIMED <b>20/11/2002</b>		
TITLE OF INVENTION <b>GAS FLOW MEASURING DEVICE</b>		
APPLICANT(S) FOR DO/EO/US <b>Harri Friberg</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input checked="" type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: <b>Copy of Title Pg. of Publ. Appl., Marked-up Spec. &amp; 2 sheets of drawings.</b></p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Not yet assigned <b>10/534558</b>		INTERNATIONAL APPLICATION NO. <b>PCT/IB03/04653</b>		ATTORNEY'S DOCKET NUMBER <b>516/8</b>																	
<p>21. The following fees are submitted:</p> <table> <tr> <td><input checked="" type="checkbox"/> a) Basic national fee.....</td> <td>\$300.00</td> <td>Applicant use</td> <td>Office use only</td> </tr> <tr> <td><input checked="" type="checkbox"/> b) Examination fee.....</td> <td>\$200.00</td> <td></td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> c) Search fee.....</td> <td>\$500.00</td> <td></td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b></td> <td colspan="2"></td> </tr> </table> <p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p>						<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	Applicant use	Office use only	<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00			<input checked="" type="checkbox"/> c) Search fee.....	\$500.00			<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>			
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<input checked="" type="checkbox"/> c) Search fee.....	\$500.00																				
<b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b>																					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																		
- 100 =	/50 =		x \$250.00	\$																	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).																					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																	
Total claims	<b>8</b>	- 20 =	x \$50.00	\$																	
Independent claims	<b>1</b>	- 3 =	x \$200.00	\$																	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$																	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$																	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																					
<b>SUBTOTAL =</b>																					
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																					
<b>TOTAL NATIONAL FEE =</b>																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property																					
<b>TOTAL FEES ENCLOSED = \$1,000.00</b>																					
Amount to be refunded:																					
Amount to be charged																					
<p>a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1,000.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <input type="text"/> in the amount of <input type="text"/> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>111-0223</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																					
SEND ALL CORRESPONDENCE TO:			 <b>SIGNATURE</b> <input type="text" value="Matthew B. Dernier"/> <b>NAME</b> <input type="text" value="40,989"/> <b>REGISTRATION NUMBER</b>																		
<b>Matthew B. Dernier, Esq.</b> <b>KAPLAN &amp; GILMAN, L.L.P.</b> <b>900 Route 9 North</b> <b>Woodbridge, New Jersey 07095</b> <b>(732) 634-7634</b>																					

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May 11, 2005

PATENT AGENT  
LI ZHENG\*\*\*

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MS: PCT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

\* ADMITTED NY & CT ONLY  
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\*\*\* ADMITTED CHINA ONLY

Re: **Applicant: Harri Friberg**  
**Title of Invention: GAS FLOW MEASURING DEVICE**  
**International Application No.: PCT/IB03/04653**  
**Attorney Docket No.: 516/8**

Dear Sir:

Submitted herewith are documents constituting a U.S. Patent Application under 35 U.S.C. § 371. The documents include:

1. A Transmittal Letter expressly requesting to begin national examination procedures;
2. A literal translation of the International Application as filed in English (including drawings) and translation verification;
3. A copy of the Title Page of the published International Application;
4. A Preliminary Amendment (including clean and marked-up substitute specifications);
5. An Information Disclosure Statement and PTO/SB/08A form;
6. A self addressed, postage prepaid return postcard; and
7. A check in the amount of \$1,000.00.

The Commissioner is authorized to charge any additional fees which may be required, or to credit any overpayment to our Deposit Account No. 11-0223.

Very truly yours,

KAPLAN & GILMAN, L.L.P.



Matthew B. Dernier  
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Reg. No. 40,989

MBD/pa  
Enclosures

F:\Clients\Patentburo Paul Rosenich-516516-8\516-8 Cover Letter Cert of Express mail.doc

10/534558

JC204 rec'd PCT/PTO 11 MAY 2005

TRANSLATOR'S VERIFICATION

I hereby declare and state that I am knowledgeable of each of the German and English languages and that I made and reviewed the attached translation of International PCT Patent Application No. PCT/IB03/04653, filed on October 22, 2003, from the German language into the English language, and that I believe my attached translation to be accurate, true and correct to the best of my knowledge and ability.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

April 29, 2005

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Date

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*D. Mullen*

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SignatureDR. DONALD J.E. MULLEN

Typed name